

Fig. 1

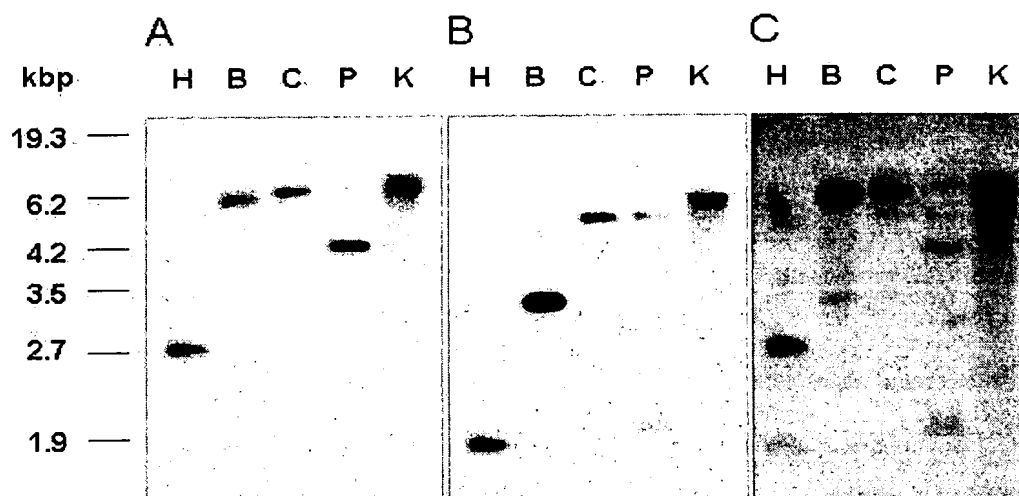
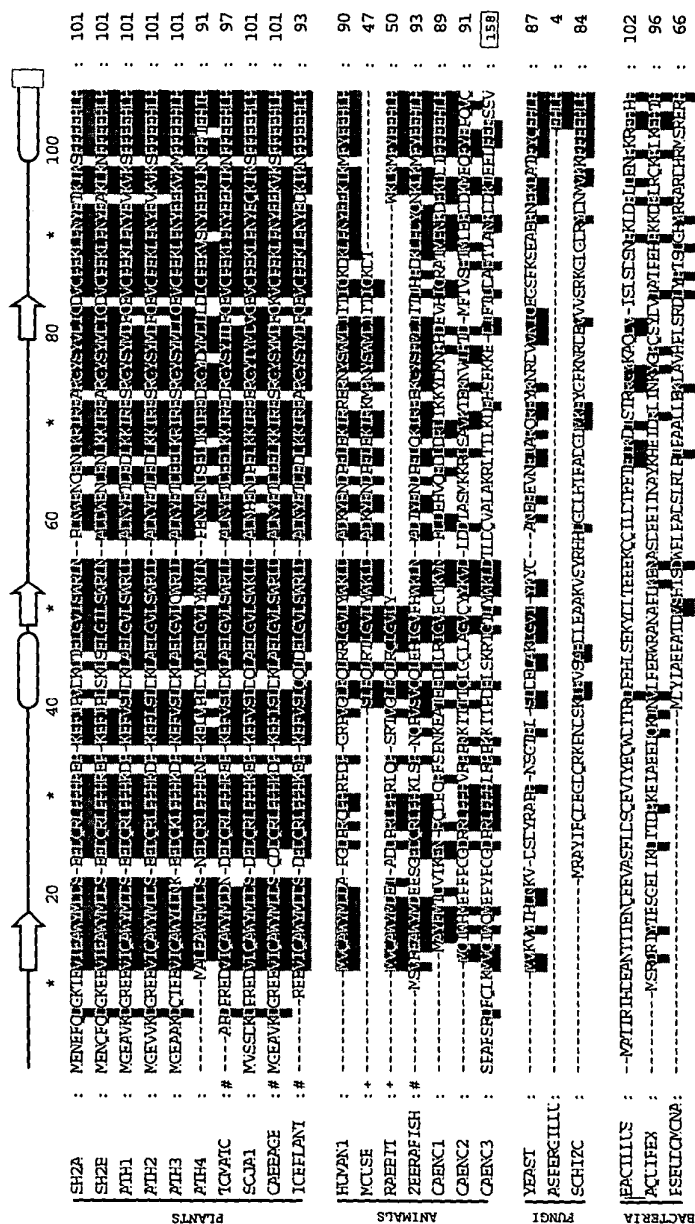


Fig. 2



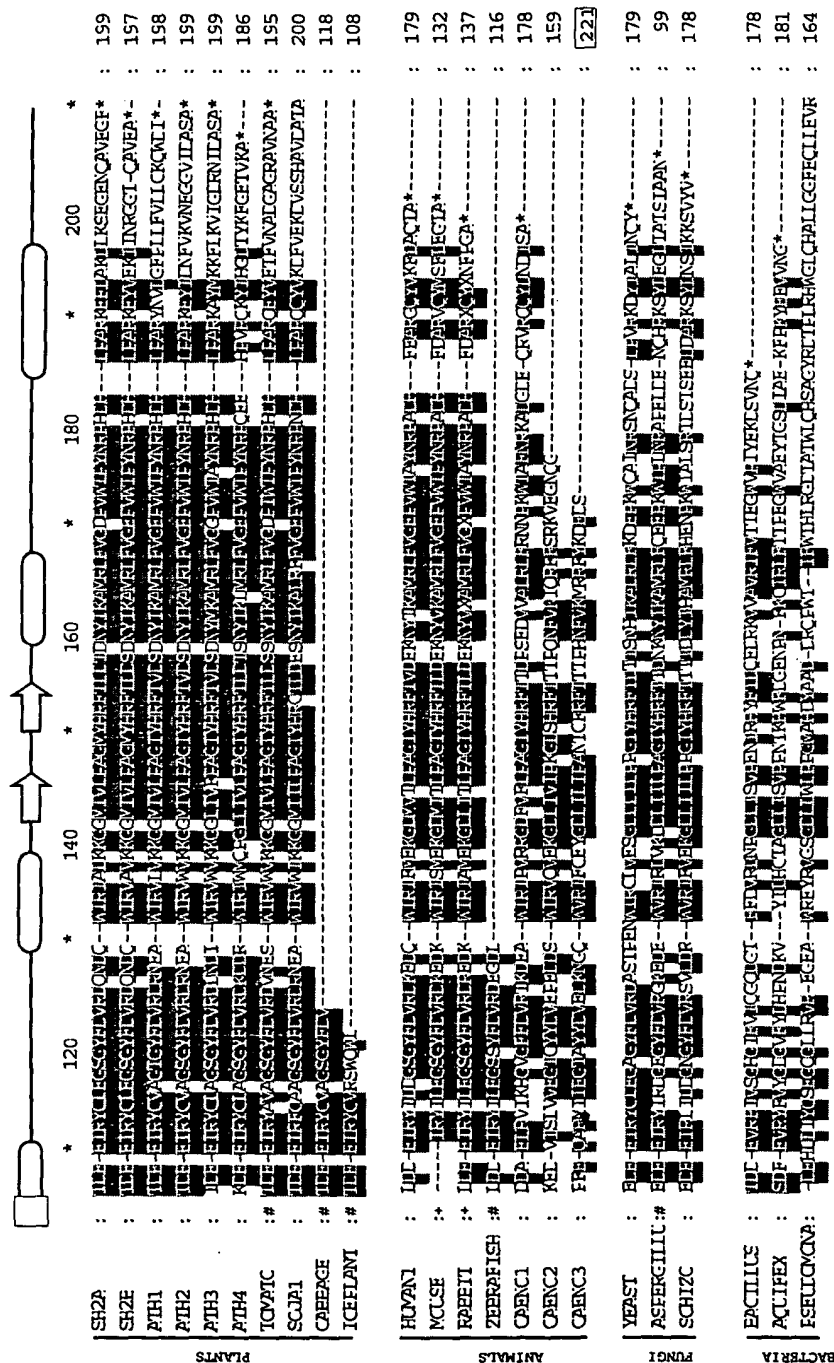


Fig. 3

	SH2A	SH2B	ATH1	ATH2	ATH3	ATH4	HUMAN	CAENO1	CAENO2	CAENO3	SCHIZO	SCEREV	BACSUB	AQUIFEX	PSEUDO
Oryza sativa SH2A		84 (93)	70 (85)	71 (87)	67 (83)	59 (74)	50 (67)	30 (49)	20 (35)	23 (46)	33 (46)	32 (51)	17 (33)	14 (29)	14 (24)
Oryza sativa SH2B		84 (93)	75 (87)	75 (88)	70 (84)	60 (75)	54 (69)	31 (49)	20 (35)	24 (47)	31 (44)	33 (50)	18 (33)	14 (29)	14 (24)
Arabidopsis thaliana 1		70 (85)	75 (87)	92 (95)	80 (88)	57 (73)	56 (69)	32 (52)	20 (38)	26 (47)	33 (45)	35 (51)	18 (34)	14 (30)	14 (26)
Arabidopsis thaliana 2		71 (87)	75 (88)	92 (95)		82 (89)	58 (75)	54 (68)	31 (50)	18 (34)	24 (45)	33 (46)	34 (50)	18 (33)	13 (25)
Arabidopsis thaliana 3		67 (83)	70 (84)	80 (88)	82 (89)		57 (73)	54 (69)	30 (50)	18 (34)	23 (45)	23 (45)	33 (48)	18 (32)	15 (30)
Arabidopsis thaliana 4		59 (74)	60 (75)	57 (73)	58 (75)	57 (73)		54 (70)	34 (53)	23 (46)	24 (41)	27 (41)	39 (56)	19 (32)	18 (30)
Homo sapiens		50 (67)	54 (69)	56 (69)	54 (68)	54 (69)	54 (70)	39 (58)	22 (37)	29 (53)	35 (51)	38 (55)	19 (34)	17 (32)	12 (23)
Caenorhabditis elegans 1		30 (49)	31 (49)	32 (52)	31 (50)	30 (50)	34 (53)	39 (58)	15 (29)	23 (46)	36 (51)	32 (49)	18 (35)	20 (33)	11 (25)
Caenorhabditis elegans 2		20 (35)	20 (35)	20 (36)	18 (34)	18 (34)	23 (46)	22 (37)	15 (29)		33 (48)	15 (29)	15 (31)	10 (23)	9 (20)
Caenorhabditis elegans 3		23 (46)	24 (47)	26 (47)	24 (45)	23 (45)	24 (41)	29 (53)	23 (46)	33 (48)		22 (42)	21 (45)	14 (35)	12 (25)
Schizosaccharomyces pombe		33 (46)	31 (44)	33 (45)	33 (46)	33 (48)	27 (41)	35 (51)	36 (51)	15 (29)	22 (42)		37 (58)	18 (36)	20 (34)
Saccharomyces cerevisiae		32 (51)	33 (50)	35 (51)	34 (50)	34 (50)	39 (56)	38 (55)	32 (49)	15 (31)	21 (45)	37 (58)		16 (33)	17 (30)
Bacillus subtilis		17 (33)	18 (33)	18 (34)	18 (33)	18 (32)	19 (32)	19 (34)	18 (35)	10 (23)	14 (35)	18 (36)	16 (33)		26 (46)
Aquifex aeolicus		14 (29)	14 (29)	14 (30)	14 (30)	15 (30)	18 (30)	17 (32)	20 (33)	9 (20)	12 (25)	20 (34)	17 (30)	26 (46)	7 (19)
Pseudomonas aeruginosa		14 (24)	14 (24)	14 (26)	13 (25)	12 (26)	12 (24)	12 (23)	11 (25)	5 (12)	8 (22)	14 (26)	15 (24)	6 (19)	7 (19)
	SH2A	SH2B	ATH1	ATH2	ATH3	ATH4	HUMAN	CAENO1	CAENO2	CAENO3	SCHIZO	SCEREV	BACSUB	AQUIFEX	PSEUDO

Fig.4

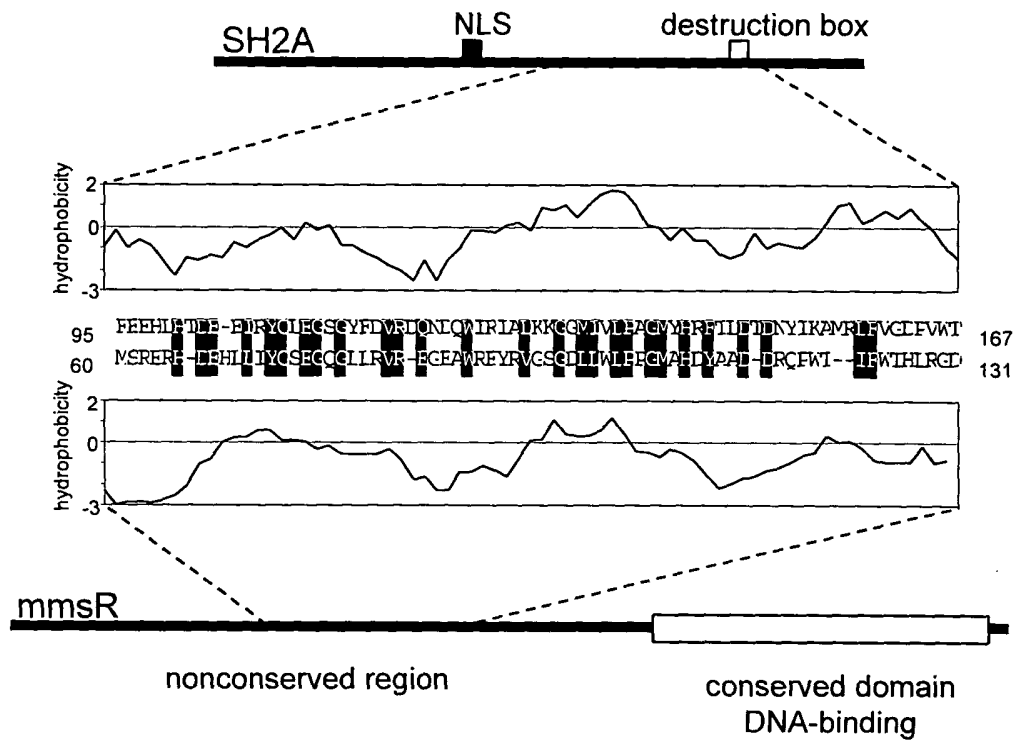


Fig. 5

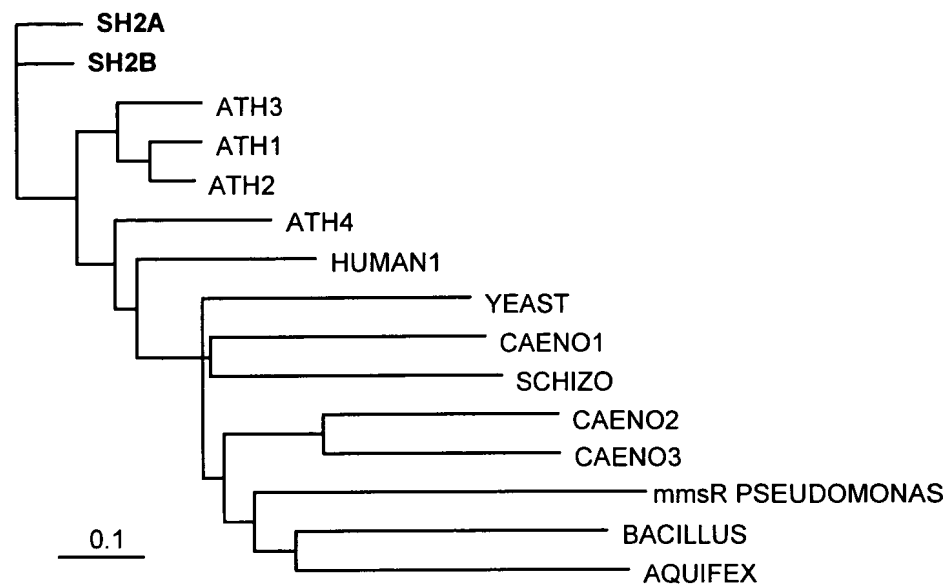
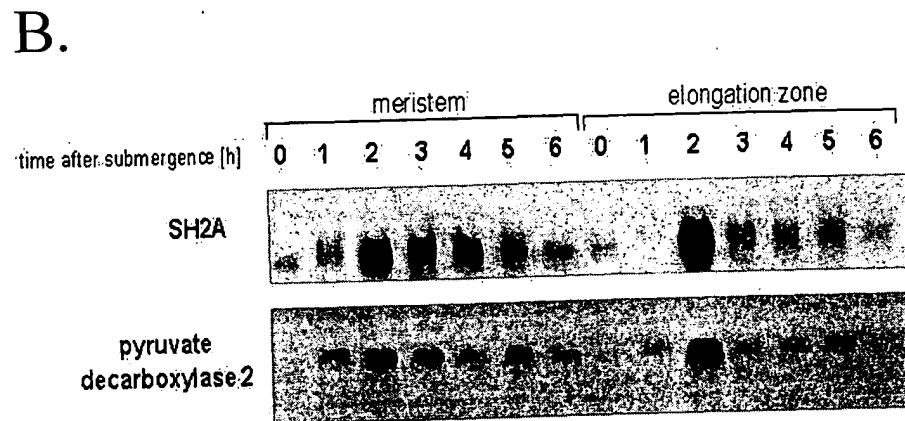
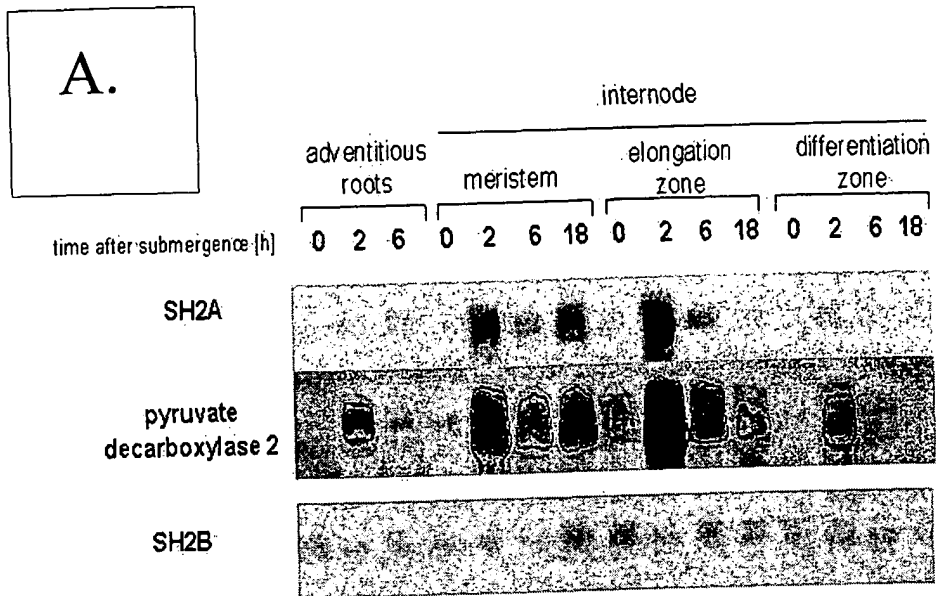
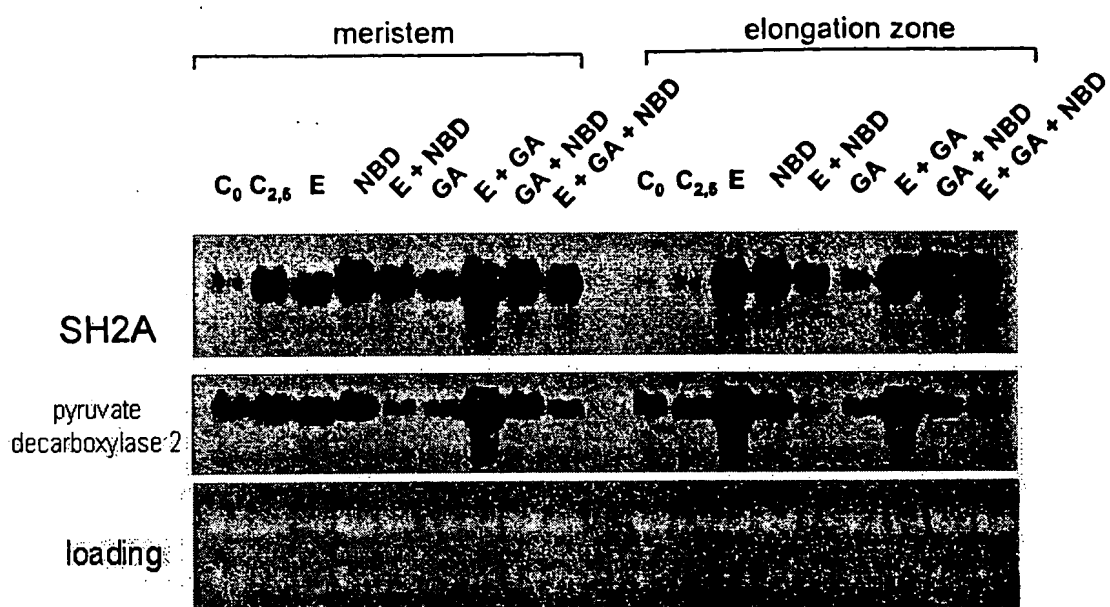


Fig. 6



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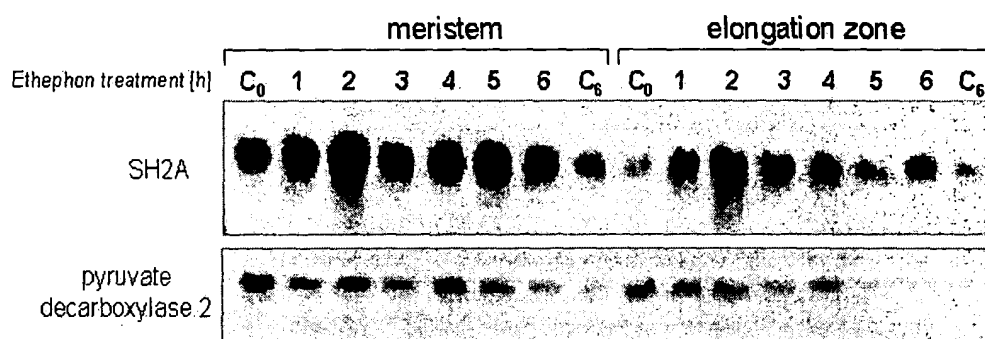
Fig. 7



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Fig.8

A



B

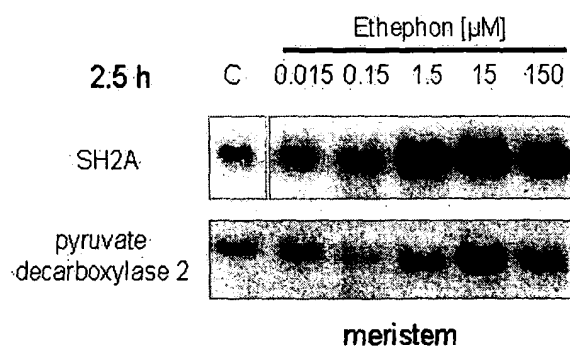
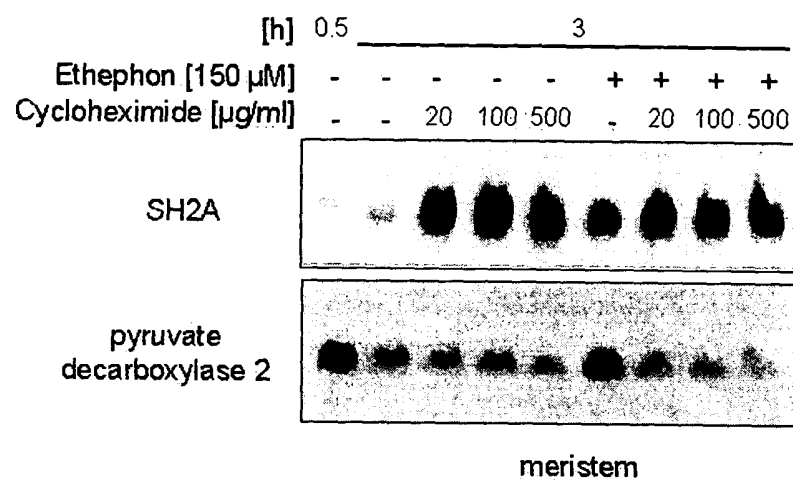
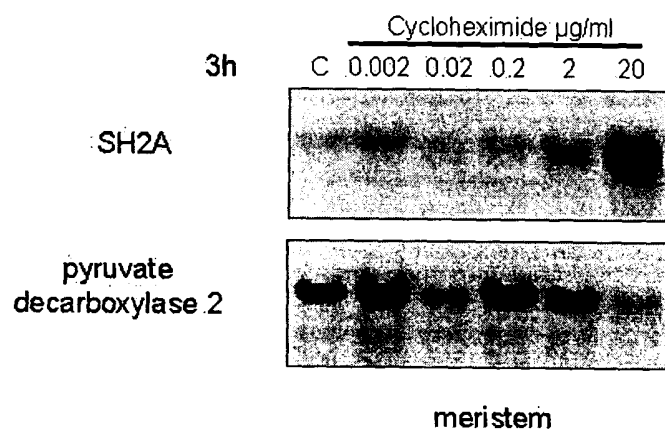


Fig.9

A

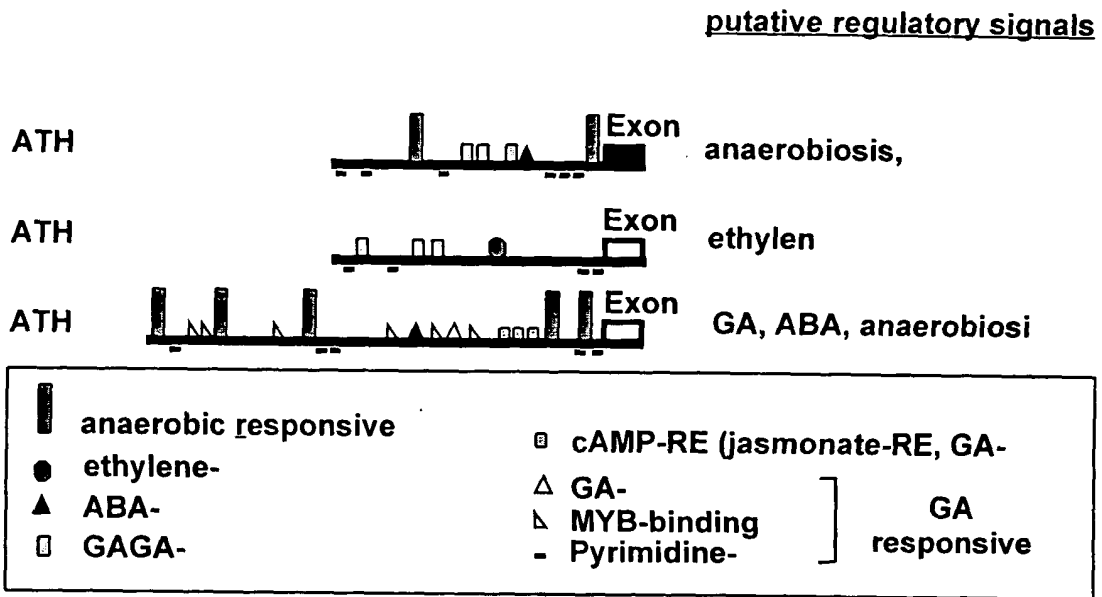


B



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Fig. 10



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